

Gene

Van Sickle,

W9KJF

*Features Ham gear in  
new Finest Electronic  
Supermarket with per-  
sonal service.*



PROMPT PERSONAL SERVICE \* LIBERAL TRADES \* EASY TERMS

IN STOCK

\*EICO \*Hammarlund \*Drake \*Globe \*Gon-set  
\*Hallicrafter \*National \*Central \*Hy-Gain \*Mosely

One-Acre Parking Lot

**4131 N. Keystone Ave.**

On North East Side of Indianapolis

OPEN DAILY 9:00 TO 6:00  
INCLUDING SATURDAY

"We Are Equipped To Service Everything We Sell"

# W9KJF ama chews

FEBRUARY 1961

PUBLISHED BY  
INDIANAPOLIS RADIO CLUB, INC.  
FOUNDED 1916



INDIANAPOLIS RADIO CLUB, INC.  
2223 E. 74th Street  
Indianapolis 20, Indiana

Robert Caskey W9DNQ  
To: 2355 Stuart St.  
Indianapolis, Ind.

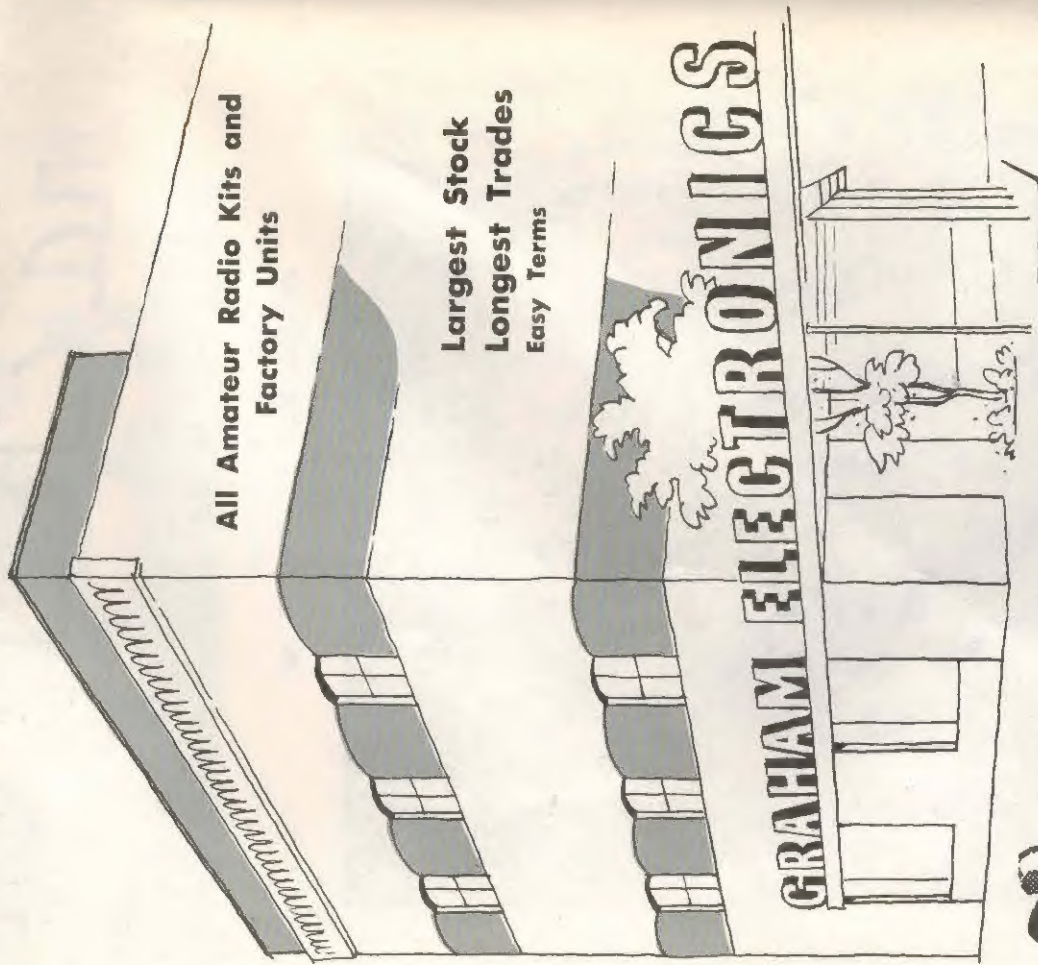


Return Postage Guaranteed  
Form 3547 Requested



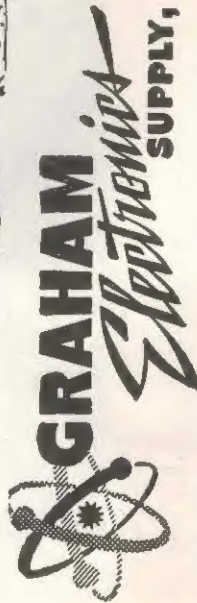
Your one stop

# HAM HEADQUARTERS



All Amateur Radio Kits and  
Factory Units

Largest Stock  
Longest Trades  
Easy Terms



**SUPPLY, INC.**

General Phone

ME 4-8486

122 S. SENATE AVE. • INDIANAPOLIS

PLENTY OF FREE PARKING

The Indianapolis Radio Club meets on the 2nd and 4th Friday of each month at the Indianapolis Park Board Building located at 29th and Harding Streets. Meetings start promptly at 8:00 P.M., Indianapolis time.

## AMA-CHEWER STAFF

### EDITOR

Ben Marcel  
1130 Birnam Woods Trail

K9IUH  
VI 6-5191

### PUBLISHER

Pat Husk  
2223 East 74th Street

K9EUQ  
CL 3-2220

### MANAGER

Bert Brouse  
6995 Barrwill Drive

K9JSF  
CL 5-9282

### REPORTERS

R. Bundy W9MEK  
R. Caskey W9DNQ  
L. Easley K9QDR  
A. Pittman W9JJC

R. Osterhous W9PSE  
E. Ward K9CRS  
H. Wolfla K9LZJ  
D. McVicker W9JZV

### PHOTOGRAPHER

Frank Fitch W9EJW

### TECHNICAL ADVISORS

"Fritz" Manning W9VFN  
Cliff Singer W9SWD

### COVER STORY

Ron Williams W9JVF

\*\*\*\*\*

Ama-Chewer is published monthly by and for I.R.C. and all Amateurs in this area. Non-Members of I.R.C. may subscribe at the rate of \$1.00 per year.

Publication is on the 3rd Friday of each month, with all news items and ads due no later than the 1st Friday of each month.

Ham-Ads (5 line limit) are free to members and subscribers. Others may use this facility at the rate of 50 cents per ad.

Ama-Chewer welcomes the forwarding of information on coming events of other clubs in the area for publication in the program section.

\*\*\*\*\*



PROGRAM

March 10th	Regular Business Meeting
March 24th	Program night, details not yet set up.
April 14th	Regular Business Meeting and plans to have Robert White of ARRL DXCC Dept.
April 28th	Jim Sugioka, W9IXR and his guests from the Congo.
May 12th	Regular Business Meeting.

\* \* \* \* \*

HAM ADS

**FOR FREE** W9MNA has an open invitation to any budding hams in need of filling their "goodie" boxes.

W9MNA  
ST 7-1504

**NOTICE** Correct your IRC Directory for W9MNA to 1414 East Tabor Street

\* \* \* \* \*

COVER STORY

Our cover this month is dedicated to those men who the United States hopes to have in orbit around the earth within a few months. Nothing much can be said about Project Mercury that hasn't already been said, except that we add our hopes TO THAT OF THE NATION and wish these men the best of luck.

\* \* \* \* \*

XYL CLUB DINNER

The XYL Club invites all Amateurs and their XYL's to their fifth annual Birthday Dinner to be held on April 22, 1961. The event will be held at the "Heritage" located at 6161 E. 38th Street. Dinner will be served at 6:30 P.M. and the cost is \$2.75 per person.

Dr. Robert Kryter will present his colored slides and lecture on "Safari to Africa." Reservations are limited to 75 people and all reservations honored on a first come first served basis.

**FOR RESERVATIONS CALL:** Mrs. Tony Bowman WA 6-3781  
Mrs. Art Evans FL 6-8131  
Mrs. Al Larson LI 7-6857

\* \* \* \* \*

OPERATION ALERT 1961

In all of Civil Defense and Mobilization operations and planning, the highlight of the year is the "Operation Alert." This is the time when we test the plans of the last year and evaluate their effectiveness in terms of readiness and operational practicability.

In past years, our participation has been largely of a token nature, but this year, for Communications in particular, I would like to plan and put into effect a full scale operation of Communications exercises. To do this will require the cooperation and participation of all the Amateur operators who have an interest in Civil Defense Operation. We will also need all the assistance from all other operators who are not members of Civil Defense, but who have taken part in regular and emergency Amateur Nets.

"Operation Alert" will take place the 28th and 29th of April. This falls on a week-end and should give many of you who have not taken part in this exercise in the past because of work responsibilities, the opportunity to participate this year. The operation will start at 4 P.M. the 28th with a half hour CONELRAD ALERT test and end at 6 P.M. the 29th. This should give us ample time to put into effect and complete several projects aimed at showing other sections of the Civil Defense organization that the Communications group are trained and ready and able to do their share in any emergency that may occur.

D. J. McVicker, W9JZV  
Deputy Dir. of Communications  
Indpls. and Marion County  
Office of Civil Defense

\*\*\*\*\*

PRESIDENTS FREQUENCY

Since occupying the Presidents (Hot Seat) chair, it is gratifying to see so many new and old members present at both business and program meetings. This kind of cooperation and attendance is always an incentive of bigger and better club activities to come in the future. When old members and new can get together and exchange ideas, something good is always sure to happen and we see it happening at every meeting. Lets not forget to bring a friend to club meetings with hope that he too can enjoy the fellowship and welcome that awaits him. Never can tell, he might even enjoy himself so much that he will become a member.

See you at the next meeting!!

K9TSF



W9PSE, Bob, is working on a new homebrew monitor for the receiver and transmitter of his SSB outfit that will display the usual patterns plus trapazoidal wave forms....

Question of the month is--Why did W9JZV, Mac buy himself a Viking II xmtr? Could it be that there has been some secret practice sessions via the dots and dashes??? .....

K9GCF, Vern, has picked up a used Gonney I for 2 meters, and the staff wonders how many of our readers have ever seen a Gonney Box One. ....

One of the most active novice stations on the air is that of K9VHH, Gretchen Wolfla, sister of Hank, K9LZJ.

Gretchen is using a borrowed 2er and is working out to the local stations using a 6M beam. ....

K9SGV-Steve, is converting a BC-645 for use in the 420 mc. band. When the bugs are worked out Steve, how about some inside scoop on the sure way to get it done.....

K9LNX has a new Thunderbird beam up and on the air....

K9LNT-Don, has a new SSB exciter on the air, but we don't have any report of how he is getting along.....

K9BDW-Les, is on the air from the Meadows area with a DX-40, however we don't have any info. on the receiver....

K9ZHR, has picked up a Central Elec. 10-A and VFO to go along with his Drake 2-A.....

Our spies tell us that we are going to have two visitors here in April from the Belgian Congo, to speak on ham radio in that area. After reading the papers the last few days this may or may not become a reality.....

W9MNA suggests that K9JSF buy a set of ear plugs or a wad of cotton to combat the remarks of W9PCL?????

W9HTK Larry Goodrich, has forsaken 6M and is now operating SSB with a 10-A and a Drake 2-A.....

Bert, K9JSF, the Pres. of IRC has latched on to a SP-44 Hallicrafter Panadapter and is building a 100 kc calibrator. It appears we have another source of frequency reports, as this gear and the 75A4 ought to be right on the nose.....

Has anyone heard from W9PSE since he left office in IRC?? If you know of his whereabouts, please seek and report what has replaced ham radio as the main means of getting away from it all.....

Final note this month, W9MNA has changed QTH and will be off the air until new tower is up.

W9JZV

\*\*\*\*\*

Looking thru the February 1941 issue of Ama-Chewer we find that Harry Butler-W9OVF was home on leave and visited the club and Pat West-W9ZVF was preparing to leave on a tour of military duty. It was this time that Uncle Sam was taking the boys one at a time, day by day, for training, which sure reduced the on-hand members to a hand full.

On 80M Charley Ankenbrock was a steady customer with his familiar W9NYO. Tiny Anderson-W9GVW, was known at this time as the uncontrolled optomist, since he had tried to light T-40's with 110 VAC.

LeRoy Kerot-W9GSX was becoming well known, for it seemed that when Mr. Wilkie was on the radio there was never any interference, however when Mr. Roosevelt took to the air waves, all that could be heard for blocks was the "Testing", "Testing" signals from GSX.

It also notes that a party at the QTH of W9YMW's was a big success, as the 160 meter band was dead on New Years Day, hence all the aching heads could rest in quiet.

There is also the question "Have you heard DYN whistling CQ? It is acclaimed as a dandy bit of tounge twisting.

BCL was complaining about all the headaches we were going to have once the "One Eyed Monster" became commonplace.

It also seems that one of the club's crystals had strayed because the following appeared in the February issue. We wonder if a certain party is working much DX with the club's crystal, and was it much trouble grinding it into an off freq.?

Norris Knowsall-W9DYN, was sure on the move and seemed to be everywhere at once, to gather news for his "Splatter" column which was a regular feature way back in '41.

The Ama-Chewer was mailed to all known hams in Marion County with the hope of increasing membership.

New members were Bill Greatbatch and John Kiser, and there was a notice from the eats committee that a chile supper was coming up soon.

Abe-W9JRK, had just returned from a Florida vacation, and was well pleased with the sunny South, he was making plans to return.

There was also a FB cartoon of a goat and the new members getting ready for the ride, via Ruth Kissell, who is now the XYL of W9JYP.

See you next month.

W9DNQ

\*\*\*\*\*



Starting this month we will be running a feature on the various radio clubs in the greater Indianapolis area. We hope to present pictures of the officers of the current year, as well as a run down on the clubs activities, plans, etc. We have several all set up and if the officers of the other clubs will get us the data and pictures, we will spot them in a coming issue.

\*\*\*\*\*

## FROM THE SUNNY SOUTH

The following is an excerpt from a letter sent by Fred, K9KKF and Rosalie, K9KKG, Billman, who are wintering in Manasota Key, Florida.

"We never know who is dropping in. Quite a few hams have visited us. There's a simply lovely YL down the beach from us and she has been over several times. (We are catching the next plane Ed.) I have been over to her place to check into the Floradora Net on 40 meters. Her call is W4-UF and she is the only active two letter call YL. She joined Hawks and in return I joined the Floradora. Their club differs from ours in that a member can only give contacts toward the Club Certificate only when in Florida."

Fred and Rosalie also went on to say that they are both feeling fine, and are enjoying themselves, hamming, fishing and that the temperature is right down their alley. About the only thing we can add to that might be a suggestion that Fred arrange a ham picnic down there for his frozen and/or wet Hoosier friends some week-end and we will all be down. (Oh you dreamer you. Ed.)

\*\*\*\*\*

## VAN SICKLE'S SPECIALS OF THE MONTH

Johnson Match Box .....	Reg. \$54.00 .....	\$ 39.95
Johnson Navigator .....	Reg. \$149.00 .....	\$119.00
Johnson Viking II- .....	Reg. \$195.00 .....	\$149.00
Heath SB-10 (has been used with above Viking..	Reg. \$ 89.00 .....	\$ 69.00
Gonset GSB-100 .....	Reg. \$495.00 .....	\$369.00
Globe Scout Deluxe .....	Reg. \$149.00 .....	\$129.00
Globe DSB-100- .....	Reg. \$149.00 .....	\$129.00
Globe King 500 .....	Reg. \$895.00 .....	\$450.00

NEW OR LIKE NEW AND ALL GUARANTEED BARGAINS

\*\*\*\*\*

A familiar call on most any band is that of K9CBY, as George Lone works em from the bottom to the top. George is married an resides with the XYL-Ruth, at 30 Banker Lane here in Indianapolis. Amateur radio has always been a fascinating hobby to Geo. since way back to the days he spent at Tech. H.S. The Novice and Tech. tickets were delivered by the mailman in January of 1956 and about two years later in April of 1958 the long awaited General ticket came via the same route. George is employed at Tech. High where he is the Director of Shops, Buildings and Grounds.



Equipment at K9CBY consists of an Apache with a SB-10 Adaptor for the low bands. Homebrew 2 and 6 meter xmtrs. running 120 watts take care of the high end, with the way up there band of 220 being worked with another homebrew rig. The receiver is a National 300, equipped with three converters. The gear operates to a home-brew 63 foot tower (the kind every ham should have. Ed.) and a TA-33 Mosley Tri-Bander, with the high freq. beams perched on top at 75 feet.

Mobile operation is taken care of by a Gonset G-66 with a Gonset 6M converter. The talking end on the unit is a Gonset Commander operating 80 thru 6.

At the present time the work bench is supporting an almost finished 750 watt AM xmtr.

George is the type of people we are glad to say is an Amateur and proud to say he is a IRC member.



The article in the January issue of Ama-Chewer by one of our local ARRL OO's deserves additional comment. There may be some of the newer amateurs in this area who are not familiar with or do not understand the intent of this important ARRL post -- one recognized and appreciated by the FCC.

An OO is first a SELECTED appointee -- selected to handle a delicate task in a courteous way with the sincere intention of being helpful.

The appointment carries no authority and citations are NOTICES to call to the recipients attention he has violated some FCC regulation. Never the less it is the responsibility of any Amateur receiving a notice of violation to seriously consider it and make the necessary adjustment or correct the operating technique as the case may be. Disregard of OO notices leads to continued violations and your conduct leads younger operators to copy and when we can't police our own area the FCC WILL!!

Good operating technique is a thing to be considered each time you flip a switch. The world is listening. Your license on the wall is a privilege granted by Uncle Sam--DON'T ABUSE IT!!

If your equipment or operating technique should cause you to receive a notice - acknowledge it as you would an FCC citation - and explain what you have done to correct the situation....better still....correct it before you get the card.....YOU KNOW THE RULES!!!

\*\*\*\*\*

#### GRAHAMS SPECIALS OF THE MONTH

Halllicrafter SX-100.....	\$220.00
Hammerlund HQ-100-C.....	\$149.00
Hammerlund HQ-170.....	\$299.00
Globe Scout DeLuxe.....	\$129.00
Halllicrafter SX-101 Mark III.....	\$299.00
Johnson Pacemaker.....	\$275.00
Johnson 6N2 Transmitter.....	\$110.00
Gonset GSB-100.....	\$375.00

PLUS MANY, MANY MORE BARGAINS

\*\*\*\*\*

#### DOPEY DILDOCK SAYS

I don't have any plans to be more than a "JAT."  
("JAT" - Just a Technician)

Westinghouse Electric is developing a new communications system called Ultracon which uses ultraviolet light for transmitting signals in outer space. The new system will be completely free of static and will be able to penetrate the atomic particles or space barriers such as the VanAllen radiation belt.

RCA has developed a tiny solid-state (about the size of a single buck-shot) device called a "varactor" diode. It is one of several that will operate withing a frequency range from 2,000 to 20,000 mc.

Halllicrafter has a new SSB receiver on the market called the SX-116, which tunes 2.0 to 30 mc. and weighs 36 lbs. It is kinda on the tall side as far as price is concerned as it was designed for more than Amateurs.

The National Bureau of Standards is building a superpowered Transmitter-Receiver unit near Lima, Peru for space signal research, with the xmtr. having a peak pulse power of 6 million watts. (What a deal for 6M. Ed.)

Stromberg-Carlson, a division of General Dynamics also has come out with a 100 watt SSB transceiver which has a total weight of 70 lbs. The high point of their write up deals with the fact that anyone can lock on to 28,000 frequencies-blindfolded. It tunes 2 to 30 mc. and we understand that this is another item for the millionaires.

Community Eng. Corp. of State College, Penn. has a low noise preamp on the market in the range of 30 to 500 mc. Noise figure is 2 db at 50 mc., 4 db at 200 mc and 6 db at 500 mc. The unit mounts adjacent to the antenna terminal in a weather proof housing and is rated with a 20 to 40 db gain.

You RTTY men might be interested in Tech. Sheet 538-A from the Trepac Corp. of America which covers their new transistorized relay, which is a direct replacement for that WE-255A Polar Relay you are probably now using. Address is 30 W. Hamilton Avenue, Englewood, New Jersey.

If any of our readers pick up a new item that is not being marketed locally or widely advertised in Ham magazines we will be more than glad to pass the info. along to the local gang. Just drop us a line and space will be provided. This offer does not include red-heads, blondes, or various alcoholic beverages.

\*\*\*\*\*



Our guests this month are the members of the Lilly Radio Club and we are proud to present their officers for 1961.

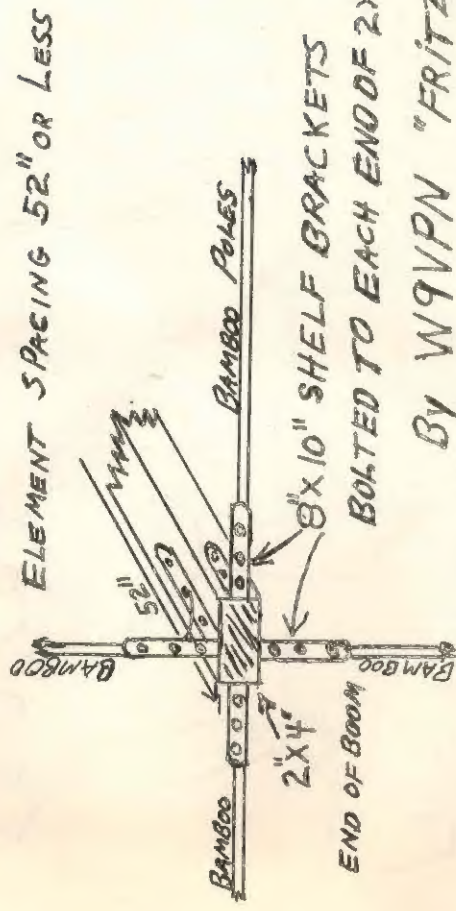
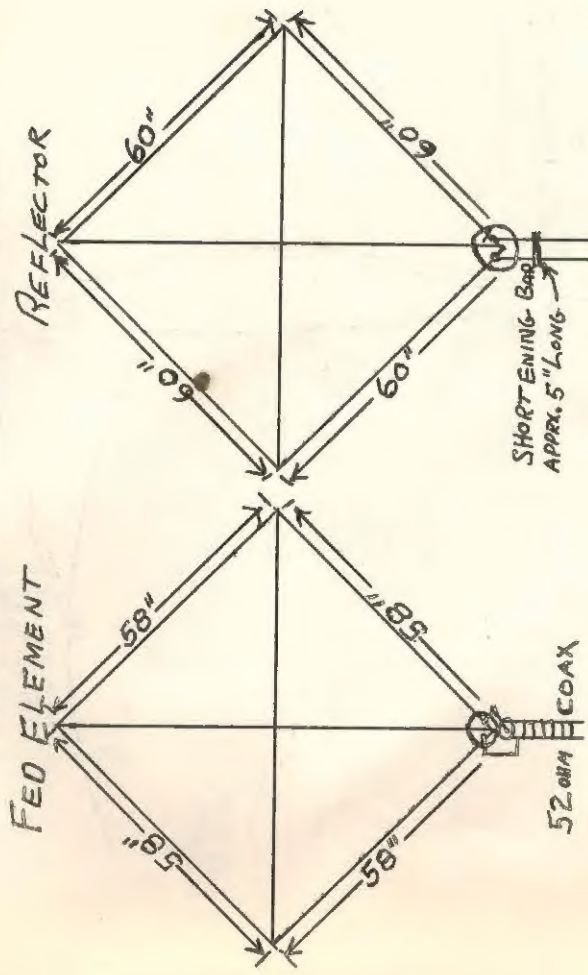


Left to Right: C. E. (Tony) Bowman, W9EIR, is custodian of the clubs equipment and the club station license, W9SFS. He is a supervisor in the Ointment Dept. at Lillys. Home rig is a DX-100-SB-10 and a Mohawk. "The Ohms Law Station" work all bands on SSB and has been on the air since March 3, 1953. Dick Frazier, ex Kn9TPX, is President of the Lilly Club. Dick is a pharmaceutical chemist in the Formal Control Dept. Home rig is a Johnson Challenger and a SX-99. Dick is madly working on his General and hopes to be back on the air soon. Harry Martledge, Kn9VTD, is Secretary and Treasurer of the Lilly Club. Harry is a bile chemist assistant in the Research Dept. Home rig is a HQ-100 and a DX-40, with a vertical Hy-Gain. Harry is also burning the mid-night oil in hopes of getting his General next time around.

The club is having a 6M ground plane installed on top of the 6th floor of Bldg. #31, and hope to have a "Gonney-III on the air real soon.

We have had several requests for the data on the cubical quad that W9VPN says is tops. In order to get the drawing we had to make Fred our Tech. Topic man for the next 12 months and

## 6 METER CUBICAL QUAD



BOLTED TO EACH END OF 2X4  
By W9VPN "FRITZ"  
4718 BERTHA ST., Maple, Ind.

he promised to reel off some dandies.

The antenna costs very little to build and its front to back ratio is so arranged to make it a dandy for local work.



Portrait  
Commercial  
Weddings

## PHOTOGRAPHY

by

Frank M. Fitch

W 9 E J W

Over A Quarter Century  
of Experience

4351 Crittenden Ave.

CL 1-6550

## JOS. G. CHARPIE

Television Service

W9MW-PROPRIETOR

### QUALITY SERVICE

on

• TELEVISION • RADIO

• RECORD PLAYERS • HI-FI

• STEREO

2954 N. College

WA 5-8144

### MOORE ELECTRONIC PARTS COMPANY

Distributor of Electronic  
Parts & Components

\* L.M.B. CHASSIS & BOXES

\* TEST EQUIPMENT

\* C.B. XMTRS & RECVRs

Open

MON-FRI 8:30 to 6:00

SAT 8:30 to 5:00

1407-15 N. Illinois

ME 4-4346

*Fire Flowers*  
FOR EVERY  
OCCASION



CITY WIDE  
DELIVERY

COMPLETELY  
DEPENDABLE SERVICE

*SCHWOMEYER*  
FLORIST

1844 SHELBY

ST 6 9253

ROY W9YMW

IS THAT THE STANDING WAVE  
YOU WERE TALKING TO BROUSE ABOUT?

